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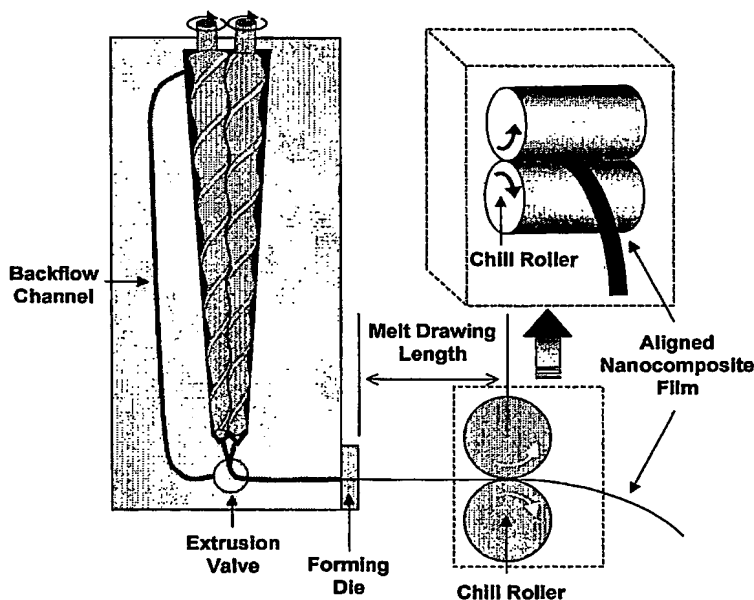
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(54) Title: **NANOTUBE-REINFORCED POLYMER COMPOSITES**



(57) Abstract: A method for producing nanocomposites is provided by mixing a polymer and nanotubes, shear mixing in an extruder to distribute the nanotubes within the polymer, extruding the mixture, and drawing the mixture prior to solidification to orient the nanotubes. This process is shown schematically in Figure 24.